CONTENTS

PREFACE v

F. AL-KHAYYAL, An implicit enumeration procedure for the general linear complementarity problem 1

M. C. BARTHOLOMEW-BIGGS, Recursive quadratic programming methods based on the augmented Lagrangian 21

R. S. DEMBO, A primal truncated Newton algorithm with application to large-scale nonlinear network optimization 43

S. D. FLÅM, Approximating some convex programs in terms of Borel fields 73

H. J. GREENBERG, Computer-assisted analysis for diagnosing infeasible or unbounded linear programs 79

D. W. HEARN, S. LAWPHONGPANICH and J. A. VENTURA, Restricted simplicial decomposition: Computation and extensions 99

J. K. HO, Recent advances in the decomposition approach to linear programming 119

M. KUPFERSCHMID and J. G. ECKER, A note on solution on nonlinear programming problems with imprecise function and gradient values 129

Z. A. MAANY, A new algorithm for highly curved constrained optimization 139

R. MIFFLIN, An implementation of an algorithm for univariate minimization and an application to nested optimization 155

W. OGRYCZAK, On practical stopping rules for the simplex method 167

J. A. TOMLIN, An experimental approach to Karmarkar's projective method for linear programming 175